

include transit schedules, fares and routes, published road closures, weather, traffic policies, major generator and special event information, rideshare matching information, and links to the MPO, other city and NCDOT websites. This project is anticipated to cost \$50,000 beyond the development costs being borne internally by NCDOT for various ITS web development projects.

4. Traveler information system. A clearinghouse will be established to store real-time data for traveler information. This system will include data from system detectors, intersections, detector stations, posted incident reports, IMAP incident reports, HAZMAT, and real-time bus schedule information. This information will also be accessible from a central location, whether it is stored locally or remotely. The development of this clearinghouse will be used in kiosks and websites, with the development geared for long-term projects, such as a voice activated telephone system. The anticipated cost to develop this clearinghouse is \$100,000.

5. Web-based roadway information. As mentioned previously, NCDOT is in the process of developing a web-based real-time regional roadway information system to inform motorists of short-term and long-term road closures. This project will all be done internally to NCDOT, so all of the costs are internal to NCDOT.

Long-Term (2006 - 2011) Technologies

1. DMS. The long-term project involves installation of six additional in the Asheville region to provide motorists with important information as they travel. DMS will assist in traffic management for special events, aid tourists unfamiliar with the area, and provide information on delays and alternate routes during congested periods and in the event of traffic incidents. The expected cost for these improvements is \$1,200,000.

2. Kiosks at major public venues. The NCDOT and the cities in the Asheville Region will develop and install five (5) kiosks that use web-based technologies to link to websites in the area that display local traffic and event information. In addition, these kiosks will display information of interest for tourists, including destinations, lodging, restaurants, and information centers. Potential locations include regional malls, rest areas, visitors' bureaus, chambers of commerce, arenas and coliseums, hotels, racetracks, convention centers, and others.

Kiosks provide NCDOT the opportunity to enter into ventures with private entities in two ways. The first is by selling or leasing kiosks at locations that are not public facilities. This may include large employers, malls, or hotels. Also, if additional kiosks are requested at locations, they may be sold or leased as well.

The second opportunity is to permit the generation of kiosk operating revenue by either selling advertising or licensing the kiosks. This would permit NCDOT to recover some of the costs of providing the data and hosting websites.